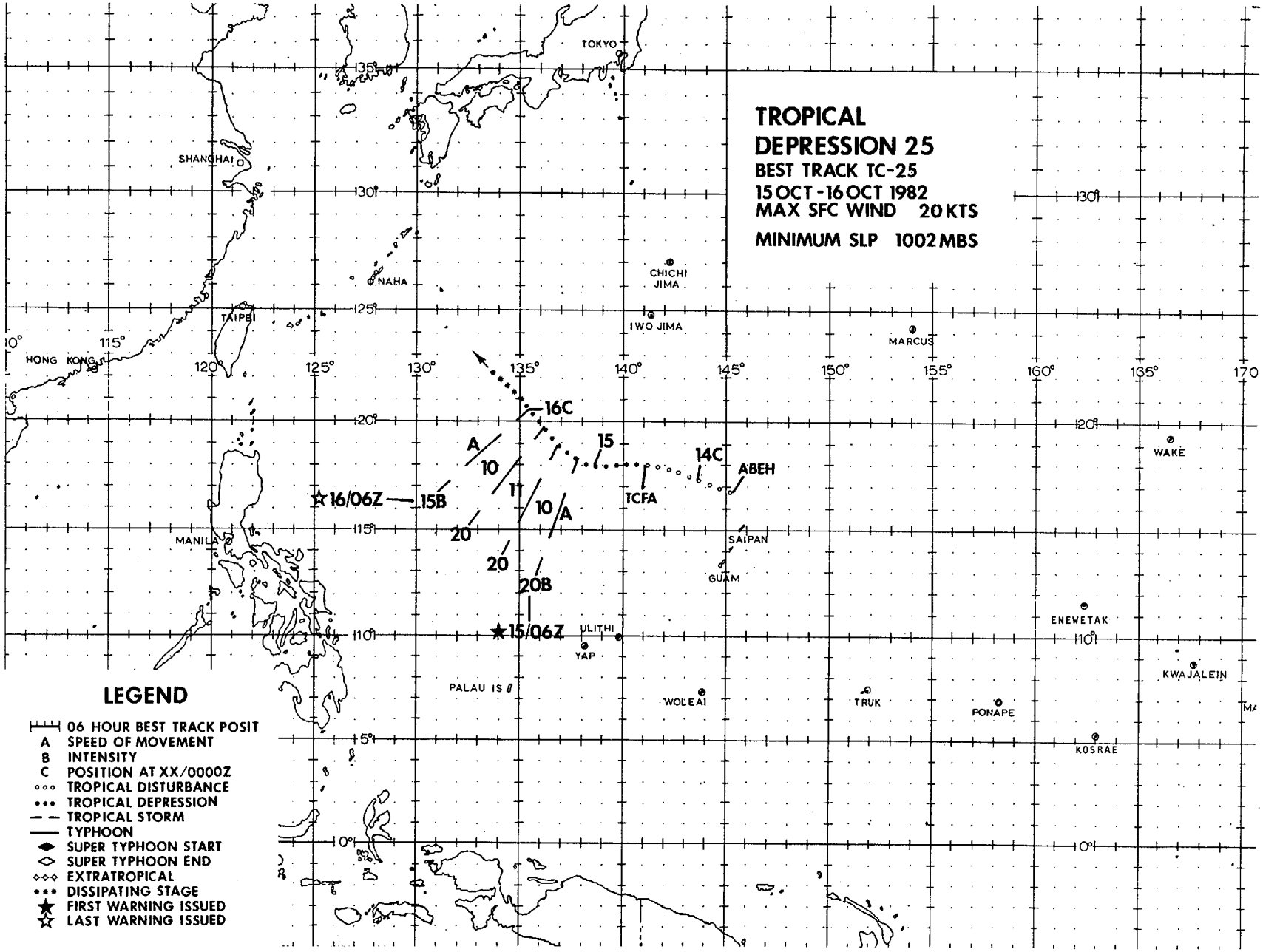
TROPICAL
DEPRESSION 25
BEST TRACK TC-25
15 OCT - 16 OCT 1982
MAX SFC WIND 20 KTS
MINIMUM SLP 1002 MBS
TOKYO
SHANGHAI
NAHA
CHICHI JIMA
IWO JIMA
MARCUS
TAIPEI
HONG KONG
WAKE
16C
15
14C
ABEH
TCFA
☆16/06Z
15B
A
10
11
10/A
20
20
20B
★15/06Z
MANILA
SAIPAN
GUAM
ULITHI
YAP
PALAU IS
WOLEAI
TRUK
PONAPE
ENEWETAK
KWAJALEIN
KOSRAE
LEGEND
06 HOUR BEST TRACK POSIT
A SPEED OF MOVEMENT
B INTENSITY
C POSITION AT XX/0000Z
TROPICAL DISTURBANCE
TROPICAL DEPRESSION
TROPICAL STORM
TYPHOON
SUPER TYPHOON START
SUPER TYPHOON END
EXTRATROPICAL
DISSIPATING STAGE
FIRST WARNING ISSUED
LAST WARNING ISSUED

On 14 October, surface observations indicated a weak circulation center near 18N 141E. Satellite analysis of the area revealed the presence of an upper-level anticyclone with potential to enhance the ventilation of the surface system. Expecting further development once the system attained vertical alignment, JTWC issued a Tropical Cyclone Formation Alert (TCFA) at 141200Z.

Aircraft reconnaissance at 142336Z located a weak surface circulation near 18N 139E, with central pressures estimated to be near 1006 mb. The initial warning on Tropical Depression 25 was issued after 150000Z satellite imagery showed the convective area near the center was becoming more organized.

Subsequent aircraft reconnaissance of the system at 150900Z reported maximum winds less than 10 kt (5 m/sec), and the circulation center could not be fixed by either winds or pressures. Satellite imagery indicated that the convection associated with the system had greatly weakened, and the overall organization had decreased. The subsequent warning, at 151200Z, anticipated further weakening of Tropical Depression 25 and the forecast period was shortened to 24 hours. On the following day, visual satellite imagery at 160000Z, with corroborative synoptic data, indicated that Tropical Depression 25 had become a fully exposed low-level circulation with no associated major convection. Thus, the final warning on Tropical Depression 25 was issued at 160600Z.

For the next 48 hours, this exposed low-level circulation remained evident on visual satellite imagery, as it progressed to the northwest. Re-development of some convective banding, curving into the system was observed on 18 October. The development of a weak anticyclonic pattern aloft prompted the issuance of a TCFA for the area, near 21N 134E, at 180800Z. A low-level aircraft investigative mission was conducted at 190200Z, but was unable to locate a closed circulation center.

Early on 19 October, when the remains of Tropical Depression 25 were entrained into the expanding low-level inflow pattern associated with Typhoon Owen (26), the TCFA was cancelled.